Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A power supply circuit for a motor vehicle electric system having:

a starter generator ~~(1)~~,

a power electronics system ~~(LE)~~,

at least one battery ~~(B)~~,

at least one dynamic energy accumulator ~~(3)~~ and a DC/DC converter ~~(2)~~, wherein the starter generator ~~(1)~~ can be connected to the vehicle electric system via a first connection branch in which the DC/DC converter ~~(2)~~ is arranged, ~~characterized in that~~ and wherein

the starter generator ~~(1)~~ can be connected to the vehicle electric system via a second connection branch,

~~wherein~~ both the first and the second connection branches each have, at their side connected to the starter generator ~~(1)~~, a respective switch ~~(S1, S2)~~ by ~~means of~~ which the respective connection branch can be disconnected from the starter generator,

the battery ~~(B)~~ is connected on the vehicle electric system side of the switch between the second connection branch and ground,

the energy accumulator ~~(3)~~ is connected between ground and the first connection branch at a point between the switch in the first connection branch and the DC/DC converter ~~(2) between ground and the first connection branch~~, and

a control device ~~(5)~~ is formed which actuates the switches ~~(S1, S2)~~ in the first and the second connection branches and the DC/DC converter ~~(2)~~ in response to a charge state of the battery ~~(B)~~ and of the energy accumulator ~~(3)~~ and an operating state of the motor vehicle ~~in~~ such ~~a way~~ that

- recuperation energy which is present in the energy accumulator ~~(3)~~ is stored and recuperation energy which is present is optionally used to charge the

battery ~~(B)~~ if the energy accumulator ~~(3)~~ is fully charged,

- drive support is provided by energy from the energy accumulator ~~(3)~~ as soon as the energy accumulator ~~(3)~~ is charged after an initial start, and drive support is provided from the battery ~~(B)~~ up to this time,
- for a rapid start energy is used from the energy accumulator ~~(3)~~,
- the battery is charged according to its charge state as required, and
- after a recuperation the vehicle electric system is fed via the battery ~~(B)~~.

2. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 1, ~~characterized in that~~ wherein a monitoring device ~~(4)~~ is also formed which monitors the charge state of the battery ~~(B)~~ and of the energy accumulator ~~(3)~~ and transfers the monitoring result to the control device ~~(5)~~.

3. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 1, ~~characterized in that~~ wherein the switches ~~(S1, S2)~~ are embodied as controllable semiconductor switches.

4. (Currently Amended) The power supply circuit for a motor vehicle as claimed in ~~one of~~ claims 1, ~~characterized in that~~ wherein the dynamic energy accumulator ~~(4)~~ is embodied as a capacitor.

5. (Currently Amended) The power supply circuit for a motor vehicle as claimed in claim 4, ~~characterized in that~~ wherein the capacitor is embodied as a supercap or ultracap.

6. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 2, ~~characterized in that~~ wherein the switches ~~(S1, S2)~~ are controllable semiconductor switches.